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## WHAT IS CLAIMED IS:

1	1.	system for binding sheets into bound text bodies having respective	3
2	spines expos	for adhesive application and characterized by multiple length	

- dimensions and multiple thickness dimensions, the system comprising: 3
- an adhesive dispenser configured to dispense across the thickness dimension 4 of a text body spine solid sheet adhesive having one of multiple effective widths 5
- sized to correspond substantially to the length dimension of the text body spine. 6
- 2. 1 The system of claim 1, wherein the adhesive dispenser is configured to dispense multiple segments of solid sheet adhesive along the length dimension of the 2 text body spine. 3
  - The system of claim 2, wherein the adhesive dispenser is configured to 3. dispense solid sheet adhesive segments of different widths.
  - 4. The system of claim 2, wherein the adhesive dispenser is configured to dispense solid sheet adhesive segments of the same width.
  - 5. The system of claim 2, wherein the adhesive dispenser is configured to dispense at least one solid sheet adhesive segment independently of the other solid sheet adhesive segments.
  - 6. The system of claim 5, wherein the adhesive dispenser comprises a roller system for dispensing the multiple segments of solid sheet adhesive.
- 7. The system of claim 6, wherein the roller system comprises a drive 1 shaft supporting multiple drive rollers. 2
  - 8. The system of claim 7, wherein the adhesive dispenser comprises a motor for driving the drive shaft, and a clutch disposed between a pair of drive rollers enables one or both drive rollers of the drive roller pair to be driven selectively by the motor.

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- The system of claim 2, further comprising an adhesive quantity 9. 1 interrogator configured to obtain indications of the length of each solid sheet 2 adhesive segment remaining in a plug-in cartridge housing. 3
- The system of claim 9, further comprising a controller configured to 10. 1 transmit a warning message when any of the solid sheet adhesive segments is nearly 2 spent. 3
  - The system of claim 2, wherein the adhesive dispenser is configured to 11. dispense multiple segments of solid sheet adhesive along the length dimension of the text body spine simultaneously.
  - The system of claim 2, wherein the adhesive dispenser is configured to 12. dispense multiple segments of solid sheet adhesive along the length dimension of the text body spine sequentially.
  - The system of claim 12, wherein the adhesive dispenser is configured 13. to position a plug-in cartridge housing containing a roll of solid sheet adhesive at multiple locations along the length dimension of the text body spine.
  - 14. The system of claim 1, wherein the adhesive dispenser comprises a width cutter for cutting solid sheet adhesive to an effective width substantially corresponding to the length dimension of the text body spine.
  - The system of claim 14, wherein the adhesive dispenser further 15. comprises a length cutter for cutting the solid sheet adhesive to a length at least as large as the thickness dimension of the text body spine.
- 16. The system of claim 15, wherein the adhesive dispenser is configured 1 to advance the solid sheet adhesive beyond the location cut by the width cutter, and 2 to cut across the solid sheet adhesive with the length cutter to prepare a clean 3 leading edge for a subsequent sheet binding. 4

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- 1 17. The system of claim 14, wherein the adhesive dispenser comprises a waste reservoir configured to store excess solid sheet adhesive cut by the width cutter.
  - 18. A method of binding sheets into bound text bodies having respective spines exposed for adhesive application and characterized by multiple length dimensions and multiple thickness dimensions, the method comprising:

    dispensing across the thickness dimension of a text body spine solid sheet
  - adhesive having one of multiple effective widths sized to correspond substantially to the length dimension of the text body spine.
  - 19. The method of claim 17, wherein multiple segments of solid sheet adhesive are dispensed along the length dimension of the text body spine.
  - 20. The method of claim 17, wherein solid sheet adhesive is cut to an effective width substantially corresponding to the length dimension of the text body spine.